

IN THE CLAIMS:

Please amend claims 1-26 as provided below:

1. (Currently amended) An electrooptical module, comprising ~~(10)~~ with at least two electrooptical components ~~(30)~~ operably coupled to at least one optical waveguide ~~(300)~~, wherein the at least two electrooptical components ~~(30)~~ each are in an optical free-beam connection with the same waveguide ~~(300)~~ by means of at least one lens ~~(60)~~ in each case.

2. (Currently amended) The electrooptical module as claimed in claim 1, wherein at least one of the lenses ~~(60)~~ comprises an optical squint angle.

3. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims~~ claim 1, wherein the at least two electrooptical components ~~(30)~~ are arranged symmetrically with respect to their ~~connection~~ coupling to the optical waveguide, ~~(300)~~ and the lenses ~~(60)~~ of the at least two electrooptical components ~~(30)~~ respectively have the same optical squint angle.

4. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims~~ claim 1, wherein the electrooptical components ~~(30)~~ are arranged on a common carrier ~~(20)~~.

5. (Currently amended) The electrooptical module as claimed in claim 4, wherein the lenses ~~(60)~~ are arranged in such a way on a supporting element ~~(50)~~, or a respective supporting element ~~(50)~~, that is located on the carrier ~~(20)~~ such that they the lenses are located spatially over the a portion of the respective electrooptical components ~~(30)~~ assigned to them.

6. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims 1 to 3~~ claim 1, wherein the electrooptical components ~~(30)~~ are

respectively arranged on an individual auxiliary carrier (640) and the individual auxiliary carriers (640) are arranged on a common carrier (620).

7. (Currently amended) The electrooptical module as claimed in claim 6, wherein the lenses (60) are respectively arranged on a supporting element that is located on the respective auxiliary carrier (640) in such a way that they the lenses are located spatially over a portion of the respective electrooptical components (30) assigned to them.

8. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims~~claim 1, wherein the at least two electrooptical components (30) are comprise lasers and/or light-emitting diodes.

9. (Currently amended) The electrooptical module as claimed in claim 8, wherein the lasers and/or light-emitting diodes emit light at different wavelengths.

10. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims 8 or 9~~claim 8, wherein the electrooptical module (10) is comprises a C- or D-WDM module.

11. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims~~claim 1, wherein the electrooptic components comprise four lasers (30) and/or four light-emitting diodes that are assigned to the same optical waveguide (300), the lasers (30) or the light-emitting diodes being arranged symmetrically with respect to the waveguide.

12. (Currently amended) The electrooptical module as claimed in claim 11, wherein the four lasers lie on corner points of a virtual or imaginary ~~rectangle~~, in particular a square, and wherein the optical waveguide is located at a center point of the imaginary square.

13. (Currently amended) The electrooptical module as claimed in ~~one of claims 1 to 11~~claim 1, wherein the electrooptical components comprise lasers, and wherein the lasers (30) are arranged in a row.

14. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims~~claim 1, wherein at least one of the at least two electrooptical components is comprises an edge-emitting laser (30) and the supporting element (50) is reflectively coated on its outer side (70) or outer sides (70) assigned to the laser or the lasers, the supporting element (50) and the reflectively coated outer side or sides (70) being arranged in such a way that they direct the light emitted by the laser or by the lasers (30) onto the respectively assigned lens (60).

15. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims~~claim 1, wherein the electrooptical module (40) is accommodated in a TO package and the lenses (60) are optically adjusted respectively with respect to the window cap of the TO package.

16. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims~~claim 1, wherein the electrooptical module (40) is mounted on a ceramic substrate or a flexible printed circuit board (400), ~~in particular a flexboard.~~

17. (Currently amended) The electrooptical module as claimed in claim 16, wherein the flexible printed circuit board (400) is ~~attached, in particular adhesively attached[[,]] on a printed circuit board carrier, for example a printed circuit board carrier plate (410).~~

18. (Currently amended) The electrooptical module as claimed in claim 17, wherein the printed circuit board carrier (410) ~~consists of~~ comprises a metal, ~~in particular aluminum.~~

19. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims 16 to 18~~claim 16, wherein the electrooptical module (10) is connected by bonding wires (430) to the flexible printed circuit board ~~(400)~~.

20. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims~~claim 1, wherein the electrooptical module (10, 10') ~~has~~ comprises at least one optical plug-in device for the connection to the at least one optical waveguide (300).

21. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims~~claim 1, wherein the at least one optical waveguide (300) is led through a covering cap ~~(500)~~, with which the electrooptical module (10, 10') is ~~sealed, in particular~~ hermetically sealed.

22. (Currently amended) The electrooptical module as claimed in claim 21, wherein the covering cap (500) and the electrooptical module (10, 10') are designed in such a way that the an optical adjustment between the optical waveguide (300) and the lenses (60) ~~can~~ takes place by an adjustment of the covering cap (500) in relation to the lenses ~~(60)~~.

23. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims~~claim 1, wherein an additional lens (310) is arranged directly on the at least one optical waveguide (300) and is used to couple the light of the electrooptical components into the optical waveguide ~~(300)~~.

24. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims 1 to 22~~claim 1, wherein the at least one optical waveguide (300) has an oblique end face ~~(350)~~, into which the light of the electrooptical components (30) is coupled.

25. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims 1 to 22~~claim 1, wherein the at least one optical waveguide ~~(300)~~ has comprises an end face which is arranged perpendicular to ~~the~~ a direction of propagation of the light and is in ~~a direct~~ an optical free-beam connection with the lenses ~~(60)~~.

26. (Currently amended) The electrooptical module as claimed in ~~one of the preceding claims~~claim 1, wherein an adjusting ring ~~(630)~~ is present, the center point of which lies on ~~the~~ an axis of the optical waveguide ~~(300)~~.